



US Army Garrison Grafenwoehr



Environmental Management System



What is EMS?



- ▶ **EMS = Environmental Management System**
- ▶ **An organizational approach to environmental management**
- ▶ **Provides a structured framework specifically designed to achieve continual environmental improvement**



Benefits of EMS



- ▶ Positive effect on compliance & performance
- ▶ Improved environmental awareness
- ▶ Better communication of environmental issues
- ▶ Improved efficiency, reduced costs
- ▶ Allows identification of risk & prevention of problems
- ▶ Continual improvement
- ▶ Better relationship with Host Nation



Requirement for EMS



Executive Order (EO) 13148

“Greening of the Government Through Leadership in Environmental Management”

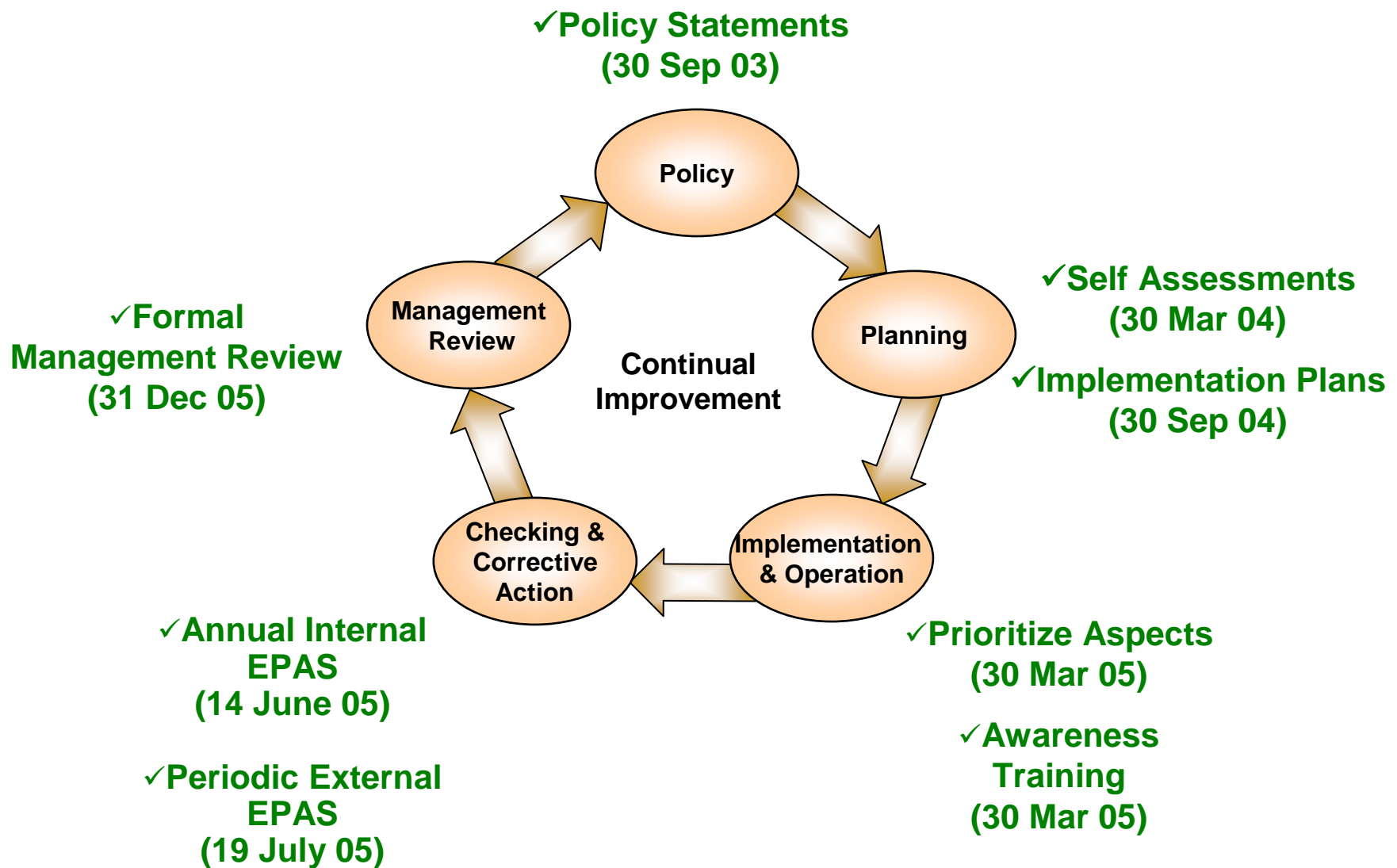
Deputy Assistant Secretary of the Army Action Memorandum (Army Environmental Management System)

Army installations must adopt ISO 14001

- Full conformance with ISO 14001 NLT FY09



ISO 14001 vs. Army's EMS Milestones





EMS Aspects



Definition

- ▶ An environmental Aspect is the part of an activity, product, or service that interacts with the environment

Significant Aspects identified at USAG Grafenwoehr

- ▶ Building contaminants release (asbestos)
- ▶ Air Emissions (ODS)
- ▶ Hazardous material expired
- ▶ Spills and leaks (POL)
- ▶ Destruction of habitats and natural resources (Range Area)



EMS Aspects vs. Impacts



Environmental Aspect

- ▶ Asbestos
- ▶ Hazardous Material Expired
- ▶ Spills and Leaks
- ▶ Air Emissions (ODS)
- ▶ Destruction of Natural Resources

Environmental Impact

- ▶ Indoor Air Pollution
- ▶ Generation of Hazardous Waste
- ▶ Contamination of Soil, Groundwater, Building Floor
- ▶ Ozone Depletion
- ▶ Soil Erosion, Sedimentation of Streams and Lakes



Significant Aspect Spills





EMS Objectives & Targets



► Objectives & Targets are identified to improve environmental performance

Objective = overall goal

Target = detailed performance requirement

► Example

Objective → Reduce Spills

Target → 10 % reduction by FY07

Tracking → Spill Database



Implementation & Operation



Example Spills and Leaks

- ▶ Training (Spill Prevention Training)
- ▶ Records & documentation (Spill Database)
- ▶ Policies & procedures (Environmental SOP`s for Tenant Units / Activities)
- ▶ Plans & environmental programs (Spill Prevention, Control, and Countermeasures Plan)
- ▶ Emergency response procedures (Red Plan)



Senior Leaders' Responsibilities



- ▶ Know & support the Garrison's Environmental Policy
- ▶ Know the specific elements of the Garrison's EMS
Establishing clearly defined environmental roles & responsibilities
- ▶ Provide the resources necessary for implementation & upkeep of the EMS
- ▶ Appoint an EMS coordinator for the Garrison



Your Responsibilities



Know how your job can impact the Environment

- ▶ All jobs are different – your job may impact the environment differently from your co-workers' jobs
- ▶ Personnel whose jobs have “Significant Impacts” on the environment will receive job-specific training to minimize those impacts

Know Work Procedures

- ▶ Be familiar with all work-related procedures
- ▶ Make sure that your unit's Work Procedures conform to the EMS policy, objectives, & targets
- ▶ Make sure your Work Procedures are up to date, easily understood, & locatable



Your Responsibilities



Know Emergency Response Procedures

- ▶ Know what to do in the event of an emergency & how to respond to a spill
- ▶ If a spill occurs:
 - Report the spill to the Fire Department
 - Determine safe actions
 - Stop the leak
 - Control & contain

Report problems concerning

- ▶ EMS implementation
- ▶ Environmental compliance
- ▶ Process improvement & safety issues



Point of Contact



POC is the EMS coordinator for USAG Grafenwoehr

- EMS coordinator DSN 475 – 7209
- Alternate DSN 476 – 2944